



PATENT
4274-0101P

IN THE U.S. PATENT AND TRADEMARK OFFICE .

Applicant: -- Christopher RUTLEDGE et al. Conf.: 1126
Appl. No.: 10/084,997 Group: Unassigned
Filed: March 1, 2002 Examiner: Unassigned
For: METHOD AND APPARATUS FOR DYNAMIC BANDWIDTH CONTROL
IN A BROADCAST OPTICAL COMMUNICATIONS NETWORK

REVOCATION OF POWER OF ATTORNEY, SUBSTITUTE POWER
OF ATTORNEY, AND CHANGE IN CORRESPONDENCE ADDRESS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

October 8, 2003

Sir:


The Assignee of the above-identified patent application or issued patent, UHURU NETWORKS, having a business office at 39 Suydam Road, Somerset, New Jersey 08873 as evidenced by the enclosed Certificate Under 37 C.F.R. § 3.73(b) showing chain of title, hereby revokes any and all previous powers of attorney for the above-identified patent application or issued patent, and hereby appoints **the practitioners at CUSTOMER NO. 02292 (Birch, Stewart, Kolasch & Birch, LLP)** as the attorneys of the Assignee to receive all correspondence relating to the above-identified application or patent and to transact all business in the United States Patent and Trademark Office connected therewith, with full power of substitution and revocation, and the Assignee ratifies any act done by the Assignee's attorneys in respect of this patent. The new correspondence address is:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 2292
P.O. Box 747
Falls Church, VA 22040-0747

The undersigned (whose title is supplied below) is empowered to sign this Revocation and Substitute Power of Attorney on behalf of the Assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

6/27/2003
Date


Signature
CHRISTOPHER KUTLEDGE
Typed or printed name
PRESIDENT.
Title

Enclosure: Certificate Under 37 C.F.R. § 3.73(b)
showing chain of title.



PATENT
4274-0101P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: RUTLEDGE et al. Conf.: 1126
Appl. No.: 10/084,997 Group: Unassigned
Filed: March 1, 2002 Examiner: Unassigned
For: METHOD AND APPARATUS FOR DYNAMIC BANDWIDTH
CONTROL IN A BROADCAST OPTICAL COMMUNICATIONS
NETWORK

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)
SHOWING CHAIN OF TITLE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

October 8, 2003

Sir:

UHURU NETWORKS, a corporation, certifies that it is the assignee of the patent application or issued patent identified above by virtue of either:

- A. ☒ An assignment from the inventors of the patent application or issued patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 012659, Frame 0641, or for which a copy thereof is attached.

- OR -

- B. ☐ A chain of title from the inventor(s), of the patent application or issued patent identified above, to the current assignee as shown below:

1. From:
To:
The document was recorded in the Patent and Trademark Office at Reel 012659, Frame 0641, or for which a copy thereof is attached.

2. From:

To:

The document was recorded in the Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.

3. From:

To:

The document was recorded in the Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are attached.

☐ Copies of assignments or other documents in the chain of title are attached

The undersigned has reviewed all the documents in the chain of title of the patent application or issued patent identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

6/27/2003
Date


Signature

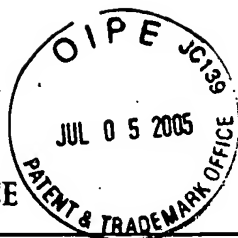
CHRISTOPHER FUDGE
Typed or printed name

Pres.

Title



UNITED STATES
PATENT AND
TRADEMARK OFFICE



MAY 07, 2002

PTAS

Commissioner for Trademarks
Arlington, VA 22202-3513
www.uspto.gov

KENYON & KENYON
CLINT Gerdine, ESQ.
1500 K STREET, N.W., SUITE 700
WASHINGTON, D.C. 20005-1257



102016070A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/01/2002

REEL/FRAME: 012659/0641
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
RUTLEDGE, CHRISTOPHER

DOC DATE: 01/28/2002

ASSIGNOR:
ARASAN, ARUL

DOC DATE: 03/01/2002

ASSIGNEE:
UHURU NETWORKS
39 SUYDAM ROAD
SOMERSET, NEW JERSEY 08873

SERIAL NUMBER: 10084997
PATENT NUMBER:

FILING DATE: 03/01/2002
ISSUE DATE:

MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

5/14/02

03/01/02

FORM PTO-1595

(Rev. 5-93)

OMB No. 0651-0011 (exp. 4/94)

Net

03-14-2002



U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Y

To the Honorable Commissioner of

102016070

Attached original documents or copy thereof.

1. Name of conveying party(ies):

Christopher Rutledge and Arul Arasan

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other _____

Execution Date: 02/18/02

2. Name and address of receiving party(ies):

Name:

UHURU NETWORKS

Internal Address:

Street Address:

39 Suydam Road

Somerset, New Jersey 08873

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: January 28, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

10/084997

1046 U.S. PTO
10/084997
03/01/02

5. Name and address of party to whom correspondence concerning document should be mailed:

Clint Gerdine, Esq.
Kenyon & Kenyon
1500 K Street, N.W., Suite 700
Washington, DC 20005-1257

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

11-0600

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Clint Gerdine

Name of Person Signing

Clint Gerdine
Signature

March 1, 2002

Date

Total number of pages comprising cover sheet: 3

OMB No. 0651-0011 (exp. 4/94)

03/14/2002 AAHMD1 00000007 110600 10084997

44 50.501

40.00 CH

PATENT
Docket No. 12349/1

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned hereby sell, assign, and transfer to Uhuru Networks, a corporation of New Jersey, having a principal place of business at 39 Suydam Road, Somerset, New Jersey 08873 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the United States Patent Application entitled:

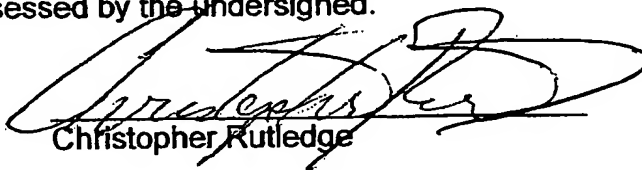
METHOD AND APPARATUS FOR DYNAMIC BANDWIDTH CONTROL IN A BROADCAST OPTICAL COMMUNICATIONS NETWORK

filed herewith, and in and to said United States Patent Application and all divisional, continuing, substitute, renewal, reissue, and other patent applications that have been or shall be filed in the United States or any foreign country on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States or any foreign country on said improvements; and in and to all rights of priority resulting from the filing of said United States Patent Application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 1/28, 2002


Christopher Rutledge

Date: _____, 2002

Arul Arasan

Assignment Document Return Address:

Clint Gerdine
KENYON & KENYON
1500 K Street, N.W., Suite 700
Washington, D.C. 20005

PATENT
Docket No. 12349/1

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned hereby sell, assign, and transfer to Uhuru Networks, a corporation of New Jersey, having a principal place of business at 39 Suydam Road, Somerset, New Jersey 08873 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the United States Patent Application entitled:

METHOD AND APPARATUS FOR DYNAMIC BANDWIDTH CONTROL IN A BROADCAST OPTICAL COMMUNICATIONS NETWORK

filed herewith, and in and to said United States Patent Application and all divisional, continuing, substitute, renewal, reissue, and other patent applications that have been or shall be filed in the United States or any foreign country on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States or any foreign country on said improvements; and in and to all rights of priority resulting from the filing of said United States Patent Application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: _____, 2002

Christopher Rutledge

Date: 03/01/, 2002

A. J. Arasan
Arul Arasan

Assignment Document Return Address:

Clint Gerdline
KENYON & KENYON
1500 K Street, N.W., Suite 700
Washington, D.C. 20005